Resource Summary Report

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GeneNetworkBuilder

RRID:SCR_006455
Type: Tool

Proper Citation

GeneNetworkBuilder (RRID:SCR_006455)

Resource Information

URL: http://www.bioconductor.org/packages/devel/bioc/html/GeneNetworkBuilder.html

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Description: Software application for discovering direct or indirect targets of transcription factors (TFs) using ChIP-chip or ChIP-seq, and microarray or RNA-seq gene expression data. Inputting a list of genes of potential targets of one TF from ChIP-chip or ChIP-seq, and the gene expression results, it generates a regulatory network of the TF.

Abbreviations: GeneNetworkBuilder

Synonyms: GeneNetworkBuilder - Build Regulatory Network from ChIP-chip/ChIP-seq and Expression Data

Resource Type: software resource, software application

Keywords: transcription factor, graph, network, microarray, sequencing, chip-chip, chip-seq, gene expression, regulatory network, target

Funding:

Availability: GNU General Public License, v2 or greater

Resource Name: GeneNetworkBuilder

Resource ID: SCR_006455

Alternate IDs: OMICS_00806, OMICS_01971

Alternate URLs:

http://www.bioconductor.org/packages/release/bioc/html/GeneNetworkBuilder.html

Record Creation Time: 20220129T080236+0000

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Ratings and Alerts

No rating or validation information has been found for GeneNetworkBuilder.

No alerts have been found for GeneNetworkBuilder.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET.

Garfinkle EAR, et al. (2024) CBFA2T3-GLIS2 mediates transcriptional regulation of developmental pathways through a gene regulatory network. Nature communications, 15(1), 8747.

Harman JR, et al. (2021) A KMT2A-AFF1 gene regulatory network highlights the role of core transcription factors and reveals the regulatory logic of key downstream target genes. Genome research, 31(7), 1159.